

Field identification: Bower Out Year: 2019 Crop: Alfalfa/Grass					
Expected Crop Yield: 3 ton/ac					
Phosphorus index results or Phosphorus application from soil test: P Index					
Method of Land Application: Rear Discharge					
When will application occur: Oct					
Nutrient Budget			Nitrogen-based Application	Phosphorus-based Application	Source of information
1		Crop Nutrient Needs, lbs/acre	150.00		MSU
2	(-)	Credits from previous legume crops, or soil test lbs/ac	80.00		DEQ9
3	(-)	Residuals from past manure production lbs/acre (if no new soil test)	33.00		DEQ9
4	(-)	Nutrients from commercial fertilizer and biosolids, lbs/acre	0.00		
5	(-)	Nutrients supplied in irrigation water, lbs/acre	0.00		
6		= Additional Nutrients Needed, lbs/acre	37.00	0.00	
7		Total Nitrogen and Phosphorus in manure, lbs/ton or lbs/1000 gal (from manure test)	28.00		Test
8	(x)	Nutrient Availability factor, for Phosphorus based application use 1.0	0.60	1.00	MSU
9		= Available Nutrients in Manure, lbs/ton or lbs/1000 gal	16.80	0.00	
10		Additional Nutrients needed, lbs/acre (calculated above)	37.00	0.00	
11	(/)	Available Nutrients in Manure, lbs/ton or lbs/1000 gal (calculated above)	16.80	0.00	
12		= Manure Application Rate, tons/acre or 1000 gal/acre	2.20238095238	NaN	

Comments

Field identification: S Out Year: 2019 Crop: Alfalfa/Grass					
Expected Crop Yield: 3 ton/ac					
Phosphorus index results or Phosphorus application from soil test: P Index					
Method of Land Application: Rear Discharge					
When will application occur: Oct					
Nutrient Budget			Nitrogen-based Application	Phosphorus-based Application	Source of information
1		Crop Nutrient Needs, lbs/acre	150.00		MSU
2	(-)	Credits from previous legume crops, or soil test lbs/ac	80.00		DEQ9
3	(-)	Residuals from past manure production lbs/acre (if no new soil test)	30.00		DEQ9
4	(-)	Nutrients from commercial fertilizer and biosolids, lbs/acre	0.00		
5	(-)	Nutrients supplied in irrigation water, lbs/acre	0.00		
6		= Additional Nutrients Needed, lbs/acre	40.00	0.00	
7		Total Nitrogen and Phosphorus in manure, lbs/ton or lbs/1000 gal (from manure test)	28.00		Test
8	(x)	Nutrient Availability factor, for Phosphorus based application use 1.0	0.60	1.00	MSU
9		= Available Nutrients in Manure, lbs/ton or lbs/1000 gal	16.80	0.00	
10		Additional Nutrients needed, lbs/acre (calculated above)	40.00	0.00	
11	(/)	Available Nutrients in Manure, lbs/ton or lbs/1000 gal (calculated above)	16.80	0.00	
12		= Manure Application Rate, tons/acre or 1000 gal/acre	2.38095238095	NaN	

Comments

Field identification: BowerPiv Year: 2019 Crop: Alfalfa					
Expected Crop Yield: 7 ton/ac					
Phosphorus index results or Phosphorus application from soil test: P Index					
Method of Land Application: Rear Discharge					
When will application occur: Oct					
Nutrient Budget			Nitrogen-based Application	Phosphorus-based Application	Source of information
1		Crop Nutrient Needs, lbs/acre	336.00		MSU
2	(-)	Credits from previous legume crops, or soil test lbs/ac	80.00		DEQ9
3	(-)	Residuals from past manure production lbs/acre (if no new soil test)	30.00		DEQ9
4	(-)	Nutrients from commercial fertilizer and biosolids, lbs/acre	0.00		
5	(-)	Nutrients supplied in irrigation water, lbs/acre	0.00		
6		= Additional Nutrients Needed, lbs/acre	226.00	0.00	
7		Total Nitrogen and Phosphorus in manure, lbs/ton or lbs/1000 gal (from manure test)	28.00		Test
8	(x)	Nutrient Availability factor, for Phosphorus based application use 1.0	0.60	1.00	MSU
9		= Available Nutrients in Manure, lbs/ton or lbs/1000 gal	16.80	0.00	
10		Additional Nutrients needed, lbs/acre (calculated above)	226.00	0.00	
11	(/)	Available Nutrients in Manure, lbs/ton or lbs/1000 gal (calculated above)	16.80	0.00	
12		= Manure Application Rate, tons/acre or 1000 gal/acre	13.4523809523	NaN	

Comments

Field identification: East Piv Year: 2019 Crop: Alfalfa					
Expected Crop Yield: 7 ton/ac					
Phosphorus index results or Phosphorus application from soil test: P Index					
Method of Land Application: Rear Discharge					
When will application occur: Oct					
Nutrient Budget			Nitrogen-based Application	Phosphorus-based Application	Source of information
1		Crop Nutrient Needs, lbs/acre	336.00		MSU
2	(-)	Credits from previous legume crops, or soil test lbs/ac	80.00		DEQ9
3	(-)	Residuals from past manure production lbs/acre (if no new soil test)	26.00		DEQ9
4	(-)	Nutrients from commercial fertilizer and biosolids, lbs/acre	0.00		
5	(-)	Nutrients supplied in irrigation water, lbs/acre	0.00		
6		= Additional Nutrients Needed, lbs/acre	230.00	0.00	
7		Total Nitrogen and Phosphorus in manure, lbs/ton or lbs/1000 gal (from manure test)	28.00		Test
8	(x)	Nutrient Availability factor, for Phosphorus based application use 1.0	0.60	1.00	MSU
9		= Available Nutrients in Manure, lbs/ton or lbs/1000 gal	16.80	0.00	
10		Additional Nutrients needed, lbs/acre (calculated above)	230.00	0.00	
11	(/)	Available Nutrients in Manure, lbs/ton or lbs/1000 gal (calculated above)	16.80	0.00	
12		= Manure Application Rate, tons/acre or 1000 gal/acre	13.6904761904	NaN	

Comments

Field identification: West Piv Year: 2019 Crop: Alfalfa					
Expected Crop Yield: 7 ton/ac					
Phosphorus index results or Phosphorus application from soil test: P Index					
Method of Land Application: Rear Discharge					
When will application occur: Oct					
Nutrient Budget			Nitrogen-based Application	Phosphorus-based Application	Source of information
1		Crop Nutrient Needs, lbs/acre	336.00		MSU
2	(-)	Credits from previous legume crops, or soil test lbs/ac	80.00		DEQ9
3	(-)	Residuals from past manure production lbs/acre (if no new soil test)	26.00		DEQ9
4	(-)	Nutrients from commercial fertilizer and biosolids, lbs/acre	0.00		
5	(-)	Nutrients supplied in irrigation water, lbs/acre	0.00		
6		= Additional Nutrients Needed, lbs/acre	230.00	0.00	
7		Total Nitrogen and Phosphorus in manure, lbs/ton or lbs/1000 gal (from manure test)	28.00		Test
8	(x)	Nutrient Availability factor, for Phosphorus based application use 1.0	0.60	1.00	MSU
9		= Available Nutrients in Manure, lbs/ton or lbs/1000 gal	16.80	0.00	
10		Additional Nutrients needed, lbs/acre (calculated above)	230.00	0.00	
11	(/)	Available Nutrients in Manure, lbs/ton or lbs/1000 gal (calculated above)	16.80	0.00	
12		= Manure Application Rate, tons/acre or 1000 gal/acre	13.6904761904	NaN	

Comments

Field identification: South Piv Year: 2019 Crop: Corn					
Expected Crop Yield: 30 ton/ac					
Phosphorus index results or Phosphorus application from soil test: P Index					
Method of Land Application: Rear Discharge					
When will application occur: Oct					
Nutrient Budget			Nitrogen-based Application	Phosphorus-based Application	Source of information
1		Crop Nutrient Needs, lbs/acre	270.00		MSU
2	(-)	Credits from previous legume crops, or soil test lbs/ac	0.00		DEQ9
3	(-)	Residuals from past manure production lbs/acre (if no new soil test)	41.00		DEQ9
4	(-)	Nutrients from commercial fertilizer and biosolids, lbs/acre	125.00		
5	(-)	Nutrients supplied in irrigation water, lbs/acre	0.00		
6		= Additional Nutrients Needed, lbs/acre	104.00	0.00	
7		Total Nitrogen and Phosphorus in manure, lbs/ton or lbs/1000 gal (from manure test)	28.00		Test
8	(x)	Nutrient Availability factor, for Phosphorus based application use 1.0	0.60	1.00	MSU
9		= Available Nutrients in Manure, lbs/ton or lbs/1000 gal	16.80	0.00	
10		Additional Nutrients needed, lbs/acre (calculated above)	104.00	0.00	
11	(/)	Available Nutrients in Manure, lbs/ton or lbs/1000 gal (calculated above)	16.80	0.00	
12		= Manure Application Rate, tons/acre or 1000 gal/acre	6.19047619047	NaN	

Comments

Field identification: North Piv Year: 2019 Crop: Corn					
Expected Crop Yield: 30 ton/ac					
Phosphorus index results or Phosphorus application from soil test: P Index					
Method of Land Application: Rear Discharge					
When will application occur: Oct					
Nutrient Budget			Nitrogen-based Application	Phosphorus-based Application	Source of information
1		Crop Nutrient Needs, lbs/acre	270.00		MSU
2	(-)	Credits from previous legume crops, or soil test lbs/ac	0.00		DEQ9
3	(-)	Residuals from past manure production lbs/acre (if no new soil test)	41.00		DEQ9
4	(-)	Nutrients from commercial fertilizer and biosolids, lbs/acre	125.00		
5	(-)	Nutrients supplied in irrigation water, lbs/acre	0.00		
6		= Additional Nutrients Needed, lbs/acre	104.00	0.00	
7		Total Nitrogen and Phosphorus in manure, lbs/ton or lbs/1000 gal (from manure test)	28.00		Test
8	(x)	Nutrient Availability factor, for Phosphorus based application use 1.0	0.60	1.00	MSU
9		= Available Nutrients in Manure, lbs/ton or lbs/1000 gal	16.80	0.00	
10		Additional Nutrients needed, lbs/acre (calculated above)	104.00	0.00	
11	(/)	Available Nutrients in Manure, lbs/ton or lbs/1000 gal (calculated above)	16.80	0.00	
12		= Manure Application Rate, tons/acre or 1000 gal/acre	6.19047619047	NaN	

Comments